

Week ending February 28, 2009



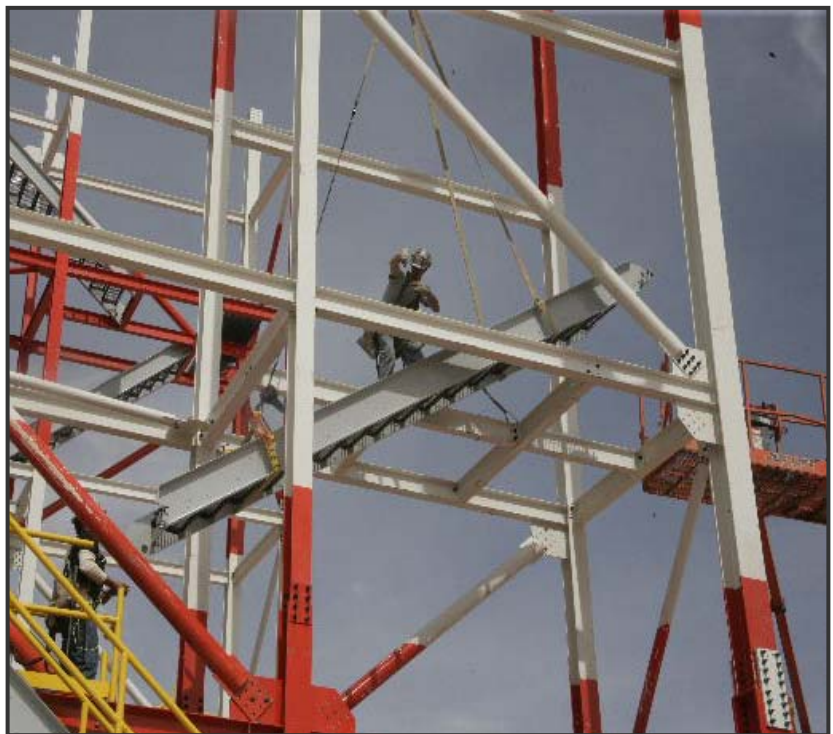
### **The Launch Abort System Canard Interstage and Adapter Cone Assembly were delivered to White Sands. The Pre-Ship Reviews are underway.**



**The Crew Module (CM) pathfinder was removed from the Crew Module/SepRing Integration Fixture (CSIF) and positioned onto the Crew Module Transportation Fixture 2. The pathfinder Forward Bay Cover was installed on the CM pathfinder.**



**The gantry for Ascent Abort 1 has been erected to approximately half of its 133' 8" height including stairs and hand rail installation. All of the gantry work platforms have been delivered to the launch site and placed in the gantry construction lay-down area. Gantry work platforms 4 and 5 as delivered include the 36 in wide cut-outs for the ATB umbilicals. Photos taken February 23-25 are shown right and below.**





**The pool infill at the Crew Exploration Vehicle Avionics and Integration Lab is complete (Photo right).** NASA's Johnson Space Center, Houston, Building 29 is being modified and had been home to various testing facilities in the past, including:

- The Bioregenerative Planetary Life Support Systems Test Complex (BIO-Plex),
- The Weightless Environmental Training Facility (or WET-F, used for astronaut training underwater) - now located at the Sonny Carter Training Facility, and
- A centrifuge that was used for high-G testing on astronauts.

**The Orion Operation & Checkout Facility (O&C) activation emergency lights around the altitude test chambers in the basement were installed and tested.** The loading dock foundation was poured and leveling began (Photo below).



## Communication and Public Engagement

A full-scale mock-up of NASA's Orion launch abort system is on the road for a five-day journey across the country from Langley Research Center, Va. to White Sands Missile Range, N.M., where it will help NASA prepare for this year's test of the abort system, called Pad Abort 1.

Ground crews will practice lifting and stacking the launch abort system on the launch pad, which will help ready the crew in handling the actual flight test hardware that will be launched this summer. Stops along the journey to White Sands Missile Range:

- Nashville, Tenn. – Adventure Science Center
- Oklahoma City, OK – Science Museum of Oklahoma (Photos below)
- Amarillo, Texas – Don Harrington Discovery Center
- Alamogordo, N.M. – New Mexico Museum of Space History.

